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ABSTRACT

This book examines the theoretical and practical issues surrounding today's technology-integrated classroom. The chapters cover the following topics: (1) reasons to integrate technology into the classroom, including the changing world, enriched learning and increased productivity, the learner, the workplace, past experience, and future trends; (2) planning for success, including examples of technology integration, other strategies, school-based technology planning, change, equipment, and business-education partnerships; (3) making it work, including evaluating computer software, the computer as tutor, the computer as productivity tool, and the computer as tutee; (4) the curriculum, including establishing learning outcomes, setting the context for learning, plan assessment and evaluation, gathering resources, selecting and designing learning experiences, planning student training for the technology, setting the timetable, and reconsidering; (5) getting started, including organizing space, establishing equipment care and protection routines, security of equipment, safety in the classroom, safety in cyberspace, scheduling computer use, keyboarding skills, ergonomics, strategies for training students to use technology, and preparing parents for technological change; (6) Internet-based curriculum projects, including copyright issues, evaluating World Wide Web sites, virtual field trips, publishing on the Web, sample collaborative Internet-based projects, planning the project, and school and classroom Web sites; (7) assessing student progress, including types of assessment, performance assessment, assessment portfolios, electronic portfolio assessment, evaluation, and using technology in assessment and evaluation; (8) students with special needs, including using technology to individualize the program, planning for exceptional students, cooperative learning and peer helping, modifying the program, and assistive technology and adaptive devices for special students; (9) technology tools for teachers, including lesson planning and presentation, assorted teacher utilities, online communication, administrative tasks, and training. (Appendices include sample technology-integrated learning experience plans, a sample acceptable use policy, and commonly asked

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questions about assessment. Accompanying Web site: http://www.heinemann.com. Contains an index. Contains 208 notes.) (MES)

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